ABSTRACT

An apparatus and method for lancing a surface provides an adjustable nozzle assembly that includes an interior nozzle, a collar, and an exterior nozzle with a surface that contacts the surface to be lanced. The exterior nozzle can then rotate relative to the interior nozzle and, thereby, vary the lancing depth of a lancet. The apparatus and method for lancing a surface also provides for a rearward body assembly that includes an interior tube, a lancet holder, an internal compression spring, a retainer, a rearward body, and an external compression spring. Longitudinal movement of the rearward body away from the interior tube can compress the interior compression spring and can, thereby, spring load the lancing device. The apparatus and method for assembling the adjustable nozzle assembly of the lancing device provides for an interior nozzle with an assembly groove and a ramped groove separated by a raised boss. The apparatus and method for assembling also provides for a collar with a collar pin for sliding in the assembly groove, over the raised boss, and into the ramped groove.

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